

wherein said substrate holder includes,

a contact holding surface contacting at least a portion of a rear surface of a film-formed area of said substrate on which said film is formed,

a vacuum chuck section for adsorbing and fixing said contact holding surface to said substrate, and

a removal claw having an inclined section configured to go into a section between a rear surface of the substrate and a top surface of the substrate holder to mechanically peel off the adsorbed substrate from the substrate holder.

6. (Twice Amended) An optical disk substrate film-formation apparatus which manufactures an optical disk by forming a thin film on the surface of a substrate, said apparatus comprising:

a substrate holder which fixes said substrate during the formation of said film,

wherein said substrate has a thickness of 0.6 mm or less, and

wherein said substrate holder includes,

a contact holding surface contacting at least a portion of a rear surface of a film-formed area of said substrate on which said film is formed,

a vacuum chuck section for adsorbing and fixing said contact holding surface to said substrate, and

a removal claw having an inclined section configured to go into a section between a rear surface of the substrate and a top surface of the substrate holder to mechanically peel off the adsorbed substrate from the substrate holder.

11. (Twice Amended) An optical disk substrate film-formation apparatus

comprising:

a substrate holder which holds a substrate at its rear surface so that sputter film formation can be carried out on the front surface of said substrate,

wherein said substrate holder includes,

a substrate holding surface which comes in contact with said rear surface of said substrate,

a vacuum chuck section for adsorbing and fixing said contact holding surface to said substrate, and

a removal claw having an inclined section configured to go into a section between a rear surface of the substrate and a top surface of the substrate holder to mechanically peel off the adsorbed substrate from the substrate holder.

15. (Twice Amended) An optical disk substrate film-formation apparatus comprising:

a substrate holder which holds thereon a substrate as an object for film formation, said substrate holder having,

a groove section which extends from a portion where said substrate holder contacts said substrate when said substrate holder is holding said substrate to a portion where said substrate holder does not contact said substrate when said substrate holder is holding said substrate, and

a porous member which can allow air to pass through provided within said groove section in which the surface of the porous member is at a same level as the surface of substrate holder.

19. (Twice Amended) An optical disk substrate film-formation apparatus comprising:

a substrate holder which holds thereon a substrate as an object for film formation,